

What is claimed is:

1. A laser module, comprising:
a laser driver that emits a green-light laser;
a reflector arranged in front of the laser driver, the reflector receiving the emitted
5 laser, partially passing the laser, and partially reflecting the laser; and
an automatic control circuit coupled to the laser driver, the automatic control
circuit having a light detector that receives the reflected laser, and based thereon,
adjusts the output power of the laser driver.
- 10 2. The laser module of claim 1, wherein the laser driver includes a circuit board,
a laser diode, a laser crystal, and a lens set, wherein the laser light emitted from the
laser diode sequentially passes through the laser crystal and the lens set.
3. The laser module of claim 2, wherein the lens set includes a concave lens, a
15 filter, and a convex lens, wherein the laser enters the lens set from the concave lens
and is emitted from the convex lens, and wherein the reflector is arranged between the
filter and the convex lens.
4. The laser module of claim 3, wherein the reflector is angled with respect to
20 the filter.
5. The laser module of claim 4, wherein one edge of the reflector is abutted
against the filter, and another edge of the reflector is separated from the filter, such
that a space is defined between the reflector and the filter for receiving the light
25 detector.
6. The laser module of claim 1, further including a laser crystal provided in the
laser driver to change the color of the laser light to green laser light.

7. A laser module, comprising:

a circuit board;

a laser diode coupled to the circuit board and emitting a laser;

a lens set;

5 a reflector arranged in the lens set, and which is positioned for the laser to pass through, and positioned to partially reflect the laser; and

a light detector electrically connected to the laser driver and arranged in the path of the reflected laser.

10 8. The laser module of claim 7, further including a laser crystal cooperating with the laser diode to change the color of the laser light to green laser light.

9. The laser module of claim 7, wherein the lens set includes a concave lens, a filter, and a convex lens, wherein the laser enters the lens set from the concave lens and is emitted from the convex lens, and wherein the reflector is arranged between the
15 filter and the convex lens.

10. The laser module of claim 9, wherein the reflector is angled with respect to the filter.

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11. The laser module of claim 10, wherein one edge of the reflector is abutted against the filter, and another edge of the reflector is separated from the filter, such that a space is defined between the reflector and the filter for receiving the light detector.

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